

# French Doors Specifications



## STANDARD

- Kiln dried eastern white pine (dipped in preservative)

## OTHER WOOD SPECIES AVAILABLE:

- Clear solid pine (dipped in preservative)
- Red oak
- White oak
- Mahogany
- Red cedar
- Walnut
- Birch
- Douglas fir
- Maple
- Cherry
- Beech

## MULTI- SPECIES AVAILABLE: (Not dipped in preservative)

- Pine exterior/mahogany interior
- Birch exterior/mahogany interior
- Other multi-species combinations available.

Please contact Norwood for more information. Please note that not all wood species are compatible.

## FINISHES:

- Natural
- Natural with clear coat
- Polyurea primer (oil based primer)
- Norcoat (over 200 standard colors)
- Stained finish
- Split finish – any two different finishes in & out
- Multiple finish – different norcoat frame, sash, casing etc...

When exterior of door panel is norcoat or primed and interior is natural, all edges on door panel will be exterior norcoat color or primed. When exterior and interior of door panel are different norcoat colors and there are multipoint gears installed, edges will be half exterior color and half interior color. When exterior and interior of door panel are two different colors and there are no gears or routing, all edges will be interior norcoat color.

## GLAZING:

- 1/4" insulated spacer
- 5/16" insulated spacer
- 3/8" insulated spacer
- 7/16" insulated spacer
- 1/2" insulated spacer
- 9/16" insulated spacer

Double glazed with 1/4", 5/16", 3/8", 7/16", 1/2" or 9/16" insulated spacer. All edges are hermetically sealed and are available in the following options; clear seal, soft coat low e seal with argon, clear tempered seal, low e tempered seal with argon and laminated. Contact Norwood for different glass options & size limitations. Visit [www.norwoodwindows.com](http://www.norwoodwindows.com) for R-value, solar heat gain & UV transmittance specs

## SPACER BAR COLORS:

- Aluminum
- Grey
- Black

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## SPECIALTY GLASS:

- Baroque
- Glue chip
- Bronze tint, grey tint
- Pin head (obscure)
- Restoration
- Seedy clear
- Water
- Sandblast (with or without border)
- Beveled
- Hammered

Other specialty glass is available upon request. Please note that specialty glass have different size limitations and only selected glass is available in tempered glaze.

Single panes, center pane inserts and wood panels (raised or flat) and open-no glass are also available options. Please note that only black spacer bars are available with center pane inserts and argon gas cannot be used.

## SILLS:

- Bronze anodized (inswing & outswing)
- Bronze anodized low profile (outswing only)
- Solid wood (inswing & outswing)
- Solid wood c/w nosing (inswing & outswing)
- Brass and bronze interlock (inswing only) – see FD options for different styles

## EXTERIOR CASING:

Choose from our large selection of casing profiles that we have available. Custom millwork & historical reproduction is available upon request. See casing section for details & profiles.

## GRILLES:

- SDL – simulated divided lite
- TDL – true divided lite
- Lead overlay

Please see Grille section and individual products for specific information & availability.

## SCREEN CLOTH:

- Fiberglass mesh: black (standard) & grey – available with aluminum & wood screens for windows.
- Aluminum mesh: bronze, bright grey, black & no glare charcoal grey – available with aluminum bar only.
- Crystal Clear screen mesh – available with aluminum, wood stationary & wood swinging screens.

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## Product Features – Single French & Front Entry

### STANDARD FEATURES (FRENCH DOOR):

- Natural eastern white pine frame & panels
- 1 3/4" thick door panel
- 4 9/16" jamb
- Tempered clear glass
- Ovalo profile
- Capri bright brass multi point hardware & hinges
- 4 19/32" stiles & head rail, 7 3/8" sill rail
- Bronze anodized sill c/w clear coat oak crown
- EM600 casing
- Inswing or outswing

### STANDARD FEATURES (FRONT ENTRY):

- Natural eastern white pine frame & panels
- 1 3/4" thick door panel
- 4 9/16" jamb
- Tempered clear glass
- Ovalo profile
- Capri bright brass multi point hardware & hinges
- 5 5/8" stiles & head rail, 9 1/4" sill rail
- Bronze anodized sill c/w clear coat oak crown
- EM600 casing
- Inswing or outswing

### STYLES:

French doors are also available as extended half-round, camber top (center facing, left & right facing) & gothic. Custom styles available, please contact a Norwood representative for more information.

### FRAME:

- 1 3/16" thick X 4 9/16" width/base jamb with clear solid interior & finger-joint pine exterior (or other wood species). Option for 1 3/4" thick jamb is available.
- ~ Jamb extension is 1 1/64" thick on inswing & 21/32" thick on outswing and is available up to 10 1/4" wide (some restrictions apply).
- ~ Frame is manufactured with compression weather-strip (black or beige).
- ~ 5 5/8" bronze anodized sill on 4 9/16" base jamb.
- ~ Bronze anodized sill extensions available up to 11 7/8" (some restrictions apply) • ~ Bronze anodized low profile (handicap) sill available on outswing doors only.
- ~ Maximum frame width is 43 9/16" and minimum frame width is 20" on operating unit.
- ~ Maximum frame height is 120" and minimum frame height is 75" on operating unit.

### PANEL:

- 1 3/4" or 2 1/4" thick door panel with clear pine interior & exterior, finger-joint edges (please note that clear solid pine or other wood species will have clear solid edges).
- 4 19/32" stiles & head rails with 7 3/8" sill rail is standard on 1 3/4" thick French door panel (custom stile & rail sizes available – some restrictions apply)
- 5 5/8" stiles & head rail with 9 1/4" sill rail is standard on 1 3/4" thick Front entry door panel (custom stile & rail sizes available – some restrictions apply).
- Inswing door panel is c/w wood drip cap (edge) & dark bronze sweep.

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## HARDWARE:

Venice, Venice (Slim Plate), Capri, Capri (Slim Plate), Allegro, Torino, Torino (Slim Plate) handle styles from Ferco.

- Bright brass (standard finish)
- Oil rubbed bronze
- Antique brass
- Satin Nickel – Only Available for Venice, Venice (Slim Plate)
- Pewter
- Brushed chrome
- Dark Bronze
- Bright chrome
- Black
- (Romance & Viking handles are only available in pewter & black finishes)
- (Roma and Berkeley handles are only available in Satin Nickel, Pewter, Black and Dark Bronze)

Doors panels under 87 1/2" in height will have three hinges and 87 1/2" and over will have four hinges. Adjustable hinges and single point locks are available. 4" x 4" hinges available in Bright Chrome, Pewter, Bright Brass, Antique Brass, Black, Oil Rubbed Bronze, Brushed Chrome and Unlacquered Brass. Please contact a Norwood representative for more information

## SCREENS: (wood swinging c/w hinges only)

- Wood swinging screens are available on inswing & outswing doors.
- 1 1/4" or 1 3/4" thick
- 6 9/16" min. jamb required for 1 1/4" thick screen panel & 7 1/16" min. jamb required for 1-3/4" thick screen panel.
- Option to match DLO of door panel.
- Single pane tempered storm insert available.
- Hinges are available in oil rubbed bronze, brass, Black, Antique Brass, Pewter, Brush Chrome, Unlacquered Brass.

## GRILLES:

### SIMULATED DIVIDED LITE (SDL):

- SDL available in putty & ovalo, 7/8" and 1 1/4" are Standard. Many more options are available – see Grille Section details.

### TRUE DIVIDED LITE (TDL):

- •15/16"
- •1 1/4"
- •1 3/4"
- 2"
- 2 1/4"

TDL is available in restoration & heritage profile.

### LEAD OVERLAY

- 1/4"
- 3/8"
- 1/2"

Lead overlay can be applied to one or multiple faces of glass, however, cannot be applied to the low-e and IS20 surfaces. Lead overlay is available in patina or silver lead. Custom patterns are available upon request.